

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1 to 43 (canceled).

Claim 44 (currently amended): A non-transitory information recording medium comprising:

- (a) a plurality of different, individual content management units, ~~at least one of the plurality of different~~ including encryptable data, the content management units including a first content management unit including first encryptable data which includes: corresponding to:
  - (i) at least one content file, the content file including at least one of a data file reproducible by an information processing apparatus and a program file executable by the information processing apparatus; and
  - (ii) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file;
- (b) a plurality of different, individual unit keys including a first unit key, each one of said plurality of unit keys associated with at least one of the content management units, ~~wherein for at least one of the first encryptable data of the first content management units, said encryptable data of said content management unit is being encrypted based on using the first unit key associated with said content management unit; and~~
- (c) a plurality of instructions which when executed by the information processing apparatus, cause the information processing apparatus, for one of the plurality of content management units, to:
  - (i) determine if weather the encryptable data of said content management unit includes the first encryptable data of the first content management unit; ~~is encrypted data;~~ and

- (ii) if the encryptable data of the content management unit includes the first encryptable data of the first content management unit; is encrypted data:
  - (A) using the first unit key, decrypt the first encrypted data of the first content management unit based on the unit key associated with the content management unit; and
  - (B) after decrypting the first encrypted data of the first content management unit, cause at least one of:
    - (1) the data file of the first content management unit to be reproduced; and
    - (2) the program file of the first content management unit to be executed.

Claim 45 (previously presented): The non-transitory information recording medium according to claim 44, wherein at least one of the content management units includes: (i) encryptable data corresponding to title information of the content file, and (ii) encryptable data corresponding to index information of the content file, and wherein, when executed by the information processing apparatus, the plurality of instructions cause the information processing apparatus, for one of the plurality of content management units, to: (i) cause a selection of said title information and said index information, and (ii) determine a designated one of the content management units and a designated one of the unit keys associated with the designated content management unit based on the selection of said title information and said index information.

Claim 46 (previously presented): The non-transitory information recording medium according to claim 45, wherein said title information and said index information are displayable to a user.

Claim 47 (previously presented): The non-transitory information recording medium according to claim 44, wherein at least one of the content management units includes encryptable data corresponding to at least one of a plurality of different content reproduction processing program files, and wherein, when executed by the information processing apparatus, the plurality of instructions cause the information processing apparatus, for one of the plurality of content management units, to: (i) cause a selection of one of the plurality of content reproduction processing program files to be executed by the information processing apparatus, (ii) determine a designated one of the content management units and a designated one of the unit keys associated with said designated content management unit based on the selection of said content reproduction processing program file.

Claim 48 (previously presented): The non-transitory information recording medium according to claim 44, wherein at least one of the content management units includes encryptable data corresponding to at least one of a plurality of different content reproduction section specification files, and wherein, when executed by the information processing apparatus, the plurality of instructions cause the information processing apparatus, for one of the plurality of content management units, to: (i) cause a selection of one of the plurality of content reproduction section specification files to be executed by the information processing apparatus, and (ii) determine a designated one of the content management units and a designated one of the unit keys associated with said designated content management unit based on the selection of said content reproduction section specification file.

Claim 49 (previously presented): The non-transitory information recording medium according to claim 44, wherein at least one of the content management units includes encryptable data corresponding to at least one of a plurality of different clip files, the plurality of clip files including a plurality of content real data storage files, and wherein, when executed by the information processing apparatus, the plurality of instructions cause the information processing apparatus, for one of the plurality of content management units, to: (i) cause a selection of one of the plurality of clip files to be reproduced by the information processing apparatus, and (ii) determine a designated one of the content management units and a designated one of the unit

keys associated with the designated content management unit based on the selection of the clip file.

Claim 50 (previously presented): The non-transitory information recording medium according to claim 44 wherein at least one of the content management units includes:

a first unit including the at least one content file, said first unit being encrypted based on a first one of the unit keys; and

a second unit including at least one of the application execution file and the application index file, said second unit being encrypted based on a second, different one of the unit keys.

Claim 51 (previously presented): The non-transitory information recording medium according to claim 44, wherein at least one of the content management units includes encryptable data corresponding to: the application execution file and the content reproduction processing program file.

Claim 52 (previously presented): The non-transitory information recording medium according to claim 44, wherein at least one of the content management units includes encryptable data corresponding to: the application execution file, the content reproduction processing file, and an application resource file associated with the execution of said application execution file.

Claim 53 (previously presented): The non-transitory information recording medium according to claim 44, wherein at least one of the content management units includes encryptable data corresponding to: the content reproduction section specification file, an AV stream file corresponding to real data of the content file to be referenced from said content reproduction section specification file, the application execution file, and an application resource file associated with the execution of said application execution file.

Claim 54 (previously presented): The non-transitory information recording medium according to claim 44, which includes a management table associated with the plurality of the content management units, wherein for each one of the content management units, the management table includes unit setting unit information, content management unit identification

information, and unit key identification information associated with said content management unit.

Claim 55 (previously presented): The non-transitory information recording medium according to claim 44, which includes a status management table associated with the plurality of the content management units, wherein for each one of the content management units, the status management table includes status information for said content management unit, said status information being indicative of whether said content management unit has network independent status or network associated status.

Claim 56 (previously presented): The non-transitory information recording medium according to claim 55, wherein, for each one of the content management units, said status management table includes at least initial status information for said content management unit.

Claim 57 (previously presented): The non-transitory information recording medium according to claim 55, wherein, for each one of the content management units, said status management table includes initial status information and current status information for said content management unit.

Claim 58 (previously presented): The non-transitory information recording medium according to claim 44, which includes a content use management information table associated with the plurality of the content management units, wherein, for each one of the content management units, the content use management information table includes restriction information associated with content use for said content management unit.

Claim 59 (previously presented): The non-transitory information recording medium according to claim 58, wherein, for each one of the content management units, said restriction information associated with content use for said content management unit indicates whether said content management unit has network independent status or network associated status.

Claim 60 (previously presented): The non-transitory information recording medium according to claim 58, wherein, for each one of the content management units, said content use management information table includes information for indicating that content is subject to control based on operation control information.

Claim 61 (previously presented): The non-transitory information recording medium according to claim 60, wherein said content use management information table includes information for specifying a server from which said operation control information is obtainable.

Claim 62 (previously presented): The non-transitory information recording medium according to claim 44, which includes at least one of: (i) copy processing content for copy processing in addition to the content files of the content management units; and (ii) streaming reproduction content for streaming reproduction in addition to the content files of the content management units.

Claim 63 (previously presented): The non-transitory information recording medium according to claim 62, wherein the content file is associated with a first data format, said copy processing content is associated with a second data format, and the streaming reproduction content is associated with a third data format, the second data format and the third data format being different than the first data format.

Claim 64 (currently amended): An information processing apparatus comprising:

- (a) a unit key acquisition section configured to:
  - (i) identify a first content management unit from a plurality of different, individual content management units which include encryptable data stored in an information recording medium, at least one of the plurality of the first content management units including first encryptable data corresponding to:
    - (A) at least one content file, the content file including at least one of a data file reproducible by the information processing apparatus and a program file executable by the information processing apparatus; and
    - (B) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; and
  - (ii) acquire a designated unit key from a plurality of different, individual unit keys, each one of the plurality of unit keys being associated with at least one of the plurality of content management units, wherein for the identified first content management unit, the first encryptable data ~~of said identified content management unit is encrypted based on using the acquired designated unit key associated with the identified content management unit;~~ and
- (b) a data processing section configured to execute a plurality of instructions, wherein when executed by the data processing section, the plurality of instructions cause the data processing section to operate with the unit key acquisition section to:
  - (i) identify one of the content management units from the plurality of content management units;
  - (ii) determine if the encryptable data of the identified content management unit includes the first ~~[[is ]]~~ encrypted data; and
  - (iii) if the encryptable data of the identified content management unit ~~is~~ includes the first encrypted data of the first content management unit:

- (A) using the designated unit key, decrypt the first encrypted data of said identified the first content management unit based on the acquired unit key associated with the identified content management unit; and
- (B) after decrypting the first encrypted data of the identified first content management unit, cause at least one of:
  - (1) the data file of the first content management unit to be reproduced; and
  - (2) the program file of the first content management unit to be executed.

Claim 65 (previously presented): The information processing apparatus according to claim 64, wherein said unit key acquisition section is configured to: (i) detect a switch from a first content management unit to a second, different content management unit, and (ii) if the switch is detected, acquire the unit key associated with the second, different content management unit based on a management table, the management table including unit setting unit information for each of the plurality of content management units, content management unit identification information for each of the plurality of content management units, and unit key identification information associated with each of the plurality of content management units.

Claim 66 (previously presented): The information processing apparatus according to claim 64, further comprising:

a renewal key information block processing section configured to decrypt a renewal key information block to obtain a media key, the decryption based on a device key associated with a legal content use right of the information processing apparatus, said device key being associated with said identified content management unit.

Claim 67 (previously presented): The information processing apparatus according to claim 66, wherein said renewal key information block processing section is configured to acquire the device key via communication with at least one of: an information recording medium, and a networked server.



Claim 68 (previously presented): The information processing apparatus according to claim 64, further comprising:

an authentication processing section configured to execute a plurality of instructions, wherein when executed by the authentication processing section, the plurality of instructions cause the authentication processing section to operate with the data processing section and the unit key acquisition section to authenticate a networked server; and

wherein, upon successful authentication of the networked server, the plurality of instructions when executed by at least one of said unit key acquisition section and said data processing section, cause at least one of said unit key acquisition section and said data processing section to acquire at least one of: (i) one of the unit keys from said networked server; and (ii) one of a plurality of content use conditions from said networked server.

Claim 69 (previously presented): The information processing apparatus according to claim 64, further comprising:

a renewal key information block processing section configured to execute a plurality of instructions, wherein when executed by the renewal key information block processing section, the plurality of instructions cause the renewal key information block processing section to decrypt a renewal key information block to acquire an authentication key for authenticating a networked server, the decryption of the renewal key information block being based on a device key associated with one of said content management units and a legal content use right of the information processing apparatus; and

an authentication processing section configured to execute a plurality of instructions, wherein when executed by the authentication processing section, the plurality of instructions cause the authentication processing section to operate with the data processing section and the unit key acquisition section to authenticate the networked server based on the authentication key acquired from said renewal key information block;

wherein, upon successful authentication of the networked server, the plurality of instructions when executed by at least one of said unit key acquisition section and said data processing section, cause at least one of said unit key acquisition section and said data processing

section to acquire at least one of: one of the unit keys from said networked server; and (ii) one of a plurality of content use conditions from said networked server.

Claim 70 (previously presented): The information processing apparatus according to claim 64, wherein when executed by the data processing section, the plurality of instructions cause said data processing section to: (i) determine whether said content management unit has network independent status or network associated status; and (ii) cause the decryption of the content file of said content management unit based on the determination.

Claim 71 (previously presented): The information processing apparatus according to claim 70, wherein said data processing section causes the decryption of the content file based on a content use management information table which stores control information associated with each said content management unit.

Claim 72 (previously presented): The information processing apparatus according to claim 64, wherein when executed by the data processing section, the plurality of instructions cause said data processing section to: (i) receive operation control information corresponding to at least one of the content files of the plurality of content management units stored in said information recording medium; and (ii) for at least one of the content management units, based on the received operation control information corresponding to the at least one content file of said content management unit, cause at least one of: (A) the data file of said content management unit to be reproduced; and (2) the program file of said content management unit to be executed.

Claim 73 (previously presented): The information processing apparatus according to claim 64, wherein when executed by the data processing section, the plurality of instructions cause said data processing section to: (i) notify a networked server of at least one of: an user identifier, an information processing apparatus identifier, and an information recording medium identifier; (ii) receive operation control information from said networked server based on the identifier notified to the networked server, and (iii) based on the received operation control information, cause at least one of: (A) the data file of at least one of the content management

units to be reproduced; and (2) the program file of at least one of the content management units to be executed.

Claim 74 (currently amended): An information processing method for reproducing or executing at least one content file stored in an information recording medium, said method comprising:

- (a) providing a plurality of different, individual content management units, ~~at least one of the~~ including encryptable data, the content management units including a first content management unit including first encrypted data which includes ~~corresponding to~~:
  - (i) the at least one content file, the content file including at least one of a data file reproducible by an information processing apparatus and a program file executable by the information processing apparatus; and
  - (ii) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; and
- (b) causing a processor to execute a plurality of instructions to operate with the information processing apparatus to:
  - (i) identify one of the content management units from the plurality of content management units;
  - (ii) determine if the identified content management unit includes the first encrypted data; and
  - (iii) if the identified content management unit includes the first encrypted data:
    - (A) select a first unit key from a plurality of different, individual units keys, each one of the plurality of unit keys being associated with at least one of the plurality of content management units, the selected first unit key corresponding to the ~~identified first content management unit~~;
    - (B) using the selected first unit key, decrypt the first encrypted data of said identified first content management unit based on the selected unit key; and

- (C) after decrypting the first encrypted data of the ~~identified~~first content management unit, cause at least one of:
- (1) the data file of the first content management unit to be reproduced; and
  - (2) the program file of the first content management unit to be executed.

Claim 75 (previously presented): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to: (i) detect a switch from a first content management unit to a second, different content management unit, and (ii) if the switch is detected, acquire the individual unit key associated with the second, different content management unit based on a management table, the management table including unit setting unit information for each of the plurality of content management units, content management unit identification information for each of the plurality of content management units, and unit key identification information associated with each of the plurality of content management units.

Claim 76 (previously presented): The information processing method according to claim 74, which includes:

causing the processor to execute the plurality of instructions to operate with the information processing apparatus to decrypt a renewal key information block to obtain a media key, the decryption based on a device key associated with a legal content use right of the information processing apparatus, said device key being associated with said content management unit.

Claim 77 (previously presented): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to the device key via communication with an information recording medium or a networked server.

Claim 78 (previously presented): The information processing method according to claim 74, which includes:

causing the processor to execute the plurality of instructions to operate with the information processing apparatus to: (a) execute authentication processing with a networked server, and (b) upon successful authentication of the networked server, acquire information necessary for content reproduction from said networked server, the acquired information including at least one of: (i) one of the unit keys; and (ii) one of a plurality of content use conditions.

Claim 79 (previously presented): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to:

- (a) acquire an authentication key to decrypt a renewal key information block in association with a media key, the media key associated with said content management unit and a legal content use right of the information processing apparatus;
- (b) authenticate a networked server based on the authentication key obtained from decrypting said renewal key information block; and
- (c) upon successful authentication of the networked server, acquire information necessary for content reproduction from said networked server, the acquired information including at least one of: (i) one of the unit keys; and (ii) one of a plurality of content use conditions.

Claim 80 (previously presented): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to:

- (a) determine whether said content management unit has network independent status or network associated status; and
- (b) control content use based on the determination.

Claim 81 (previously presented): The information processing method according to claim 80, wherein said content use control is based on a content use management information table which stores control information associated with each said content management unit.

Claim 82 (previously presented): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to:

- (a) receive operation control information from a networked server, the operation control information corresponding to at least one of the content files of the plurality of management units; and
- (b) based on the received operation control information, cause at least one of: (1) the data file of said content management unit to be reproduced or copied; and (2) the program file of the content management unit to be executed or copied.

Claim 83 (previously presented): The information processing method according to claim 74, which includes causing the processor to execute the plurality of instructions to operate with the information processing apparatus to:

- (a) transmit at least one of an user identifier, an information processing apparatus identifier, and an information recording medium identifier to a networked server;
- (b) receive operation control information from the network server based on the at least one identifier transmitted to said networked server; and
- (c) based on the received operation control information, cause at least one of: (1) the data file of said content management unit to be reproduced or copied; and (2) the program file of the content management unit to be executed or copied.

Claim 84 (currently amended): An information processing apparatus comprising:  
comprising:

a processor; and

a memory device which stores:

- (a) data corresponding to a plurality of content management units, ~~at least one of said~~ including encryptable data, the content management units including a first content management units including first encrypted data which includes: corresponding to:
  - (i) the at least one content file, the content file including at least one of a data file reproducible by an information processing apparatus and a program file executable by the information processing apparatus; and
  - (ii) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; and
- (b) a plurality of instructions, which when executed by the processor, cause the processor to:
  - (i) identify one of the content management units from the plurality of content management units;
  - (ii) determine if the identified content management unit includes the first encrypted data; and
  - (iii) if the identified content management unit includes the first encrypted data:
    - (A) select a first unit key from a plurality of units keys, the selected first unit key corresponding to the ~~identified~~first content management unit, each one of the plurality of different unit keys being associated with at least one of the plurality of different content management units;
    - (B) using the selected first unit key, decrypt the first encrypted data of said identifiedfirst content management unit-based on the selected unit key; and

(C) after decrypting the first encrypted data of the ~~identified~~first content management unit, cause at least one of:

- (1) the data file of the first content management unit to be reproduced; and
- (2) the program file of the first content management unit to be executed.

Claim 85 (currently amended): A server in communication with a reproducing apparatus, said server comprising:

a processor;

an authentication processing section; and

a memory device which stores:

(a) a plurality of unit keys, each of the unit keys corresponding to at least one of a plurality of content management units which include encryptable data, the plurality of content management units being stored by an information recording medium operable with the reproducing apparatus, ~~at least one of said plurality of~~ content management units including a first content management unit which includes first encrypted data which includes: corresponding to:

- (i) the at least one content file, the content file including at least one of a data file reproducible by the reproducible apparatus and a program file executable by the reproducible apparatus; and
- (ii) at least one of a content reproduction section specification file, a content reproduction processing program file, an application index file, and an application execution file; and

(b) a plurality of instructions, which when executed by the processor, cause the processor to operate with the authentication processing section to:

- (i) authenticate said reproducing apparatus based on an authentication key; and
- (ii) upon successful authentication of the reproducing apparatus, provide a designated one of the unit keys to said reproducing apparatus, the



designated unit key corresponding to a ~~designated one of the~~ first content management ~~units~~unit, wherein the first encrypted data of said ~~designated~~first content management unit is decryptable based on the designated unit key to cause at least one of: (A) the reproducing apparatus to reproduce the data file of the first content management unit; and (B) the reproducing apparatus to execute the program file of the first content management unit.

Claim 86 (previously presented): The server according to claim 85 further comprising:  
an authentication key database storing a plurality of different authentication keys; and  
a renewal key information block database which stores a renewal key information block associated with one of the authentication keys for authenticating the reproducing apparatus, the renewal key information block being encrypted based on a device key associated with a legal content use right of the reproducing apparatus,

wherein when executed by the processor, the plurality of instructions cause the processor to operate with the authentication processing section to provide said renewal key information block to the reproducing apparatus, such that the reproducing apparatus executes content reproduction and executes authentication processing based on the authentication key received from said authentication key database.